

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: LINDA S. POWERS; WALTHER R. ELLIS, JR.;  
CHRISTOPHER R. LLOYD

SER. NO.: UNKNOWN

FILED HEREWITH:

FOR: TAXONOMIC IDENTIFICATION OF PATHOGENIC  
MICROORGANISMS AND THEIR PROTEINS

PRELIMINARY AMENDMENT

November 12, 2003

Mail Stop New Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please amend Claim 76 as follows:

76. (Amended) A method for capture of a biological analyte onto a substrate wherein:
- (a) the ligands used are selected from the group consisting of: heme compounds, siderophores, polysaccharides, and peptides specific for outer membrane proteins, conjugated lipids prions, and microbial protein targets;
  - (b) the ligand is tethered at a distance of ~~at least fifteen~~ around forty Å from the substrate surface for the capture of microorganisms;
  - (c) the substrate is suitable for a column packing;
  - (d) the biological analytes are selected from the groups of: bacteria, viruses,